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CLIENT/MATTER NO.:	54320.000008

In re Patent Application of :	)	Confirmation No. 9289
Peter Stougaard et al.	)	Group Art Unit: 1652
Application No.: 09/824,053	)	Examiner: W. Moore
Filed: April 3, 2001	)	

For: RECOMBINANT HEXOSE OXIDASE: A METHOD OF PRODUCING SAME AND USE OF SHCH ENZYME

DRAFT CLAIM AMENDMENTS

Claims 1-8 (Canceled)

9. (Currently amended) [A] An isolated DNA fragment encoding a *Chondrus crispus* ~~polypeptide [in isolated form] having~~ hexose oxidase ~~activity,~~ said *Chondrus Crispus* polypeptide comprising ~~at least one~~ the amino acid sequence ~~selected from the group consisting of~~

(i) Tyr-Glu-Pro-Tyr-Gly-Gly-Val-Pro (SEQ ID NO:1),

(ii) Ala-Ile-Ile-Asn-Val-Thr-Gly-Leu-Val-Glu-Ser-Gly-Tyr-Asp-X-X-X-Gly-Tyr-X-Val-Ser-Ser (SEQ ID NO:2),

(iii) Asp-Leu-Pro-Met-Ser-Pro-Arg-Gly-Val-Ile-Ala-Ser-Asn-Leu-X-Phe (SEQ ID NO:3),

(iv) Asp-Ser-Glu-Gly-Asn-Asp-Gly-Glu-Leu-Phe-X-Ala-His-Thr (SEQ ID NO:4),

(v) Tyr-Tyr-Phe-Lys (SEQ ID NO:5),

(vi) Asp-Pro-Gly-Tyr-Ile-Val-Ile-Asp-Val-Asn-Ala-Gly-Thr-X-Asp (SEQ ID NO:6),

(vii) X-Ile-Arg-Asp-Phe-Tyr-Glu-Glu-Met (SEQ ID NO:8),

where X represents an amino acid selected from the group consisting of Ala, Arg, Asn, Asp, Asx, Cys, Gln, Glu, Glx, Gly, His, Ile, Leu, Lys, Met, Phe, Pro, Ser, Thr, Trp, Tyr and Val.